

Appl. No. 10/670,030
Amendment dated July 9, 2010
Reply to Office Action of January 21, 2010

Amendments to the Specification:

Please replace the title at page 1, line I with the following amended title:

VISUAL REMOTE CONTROL AND TACTILE INTERACTION SYSTEM.

Please replace the whole paragraph at page 5 with the following amended paragraph:

Since bag (3) is open on the outside of first tube (1) it forms an orifice in the tube. If this orifice ~~if~~ is filled with an object, fluid in first tube (1) is displaced and forces, through hose (5) and balloon (13), the piston (8) to move toward fourth fitting (9). As piston (8) moves, rod (12) moves accordingly and causes wheel (14) to spin. Processing circuitry (18), receives data from light detecting device and outputs digital data for use in the CPU (19) which data is related to the amount of displacement cause by the inserted object. If the object is extracted from the orifice, the coil spring (10) forces piston (8) to move back to its original position. Rod (12) moves with piston (8) and causes wheel (14) to spin accordingly. Again, processing circuitry (18), receives data from light detecting device and outputs digital data for use in the CPU (19) which data is related to the now diminishing amount of displacement cause by the inserted object.

Please replace the second paragraph at page 11 with the following amended paragraph:

Figure 8 shows yet another alternate design of the output device. As shown in Figure 8, motor ~~(500)~~ (502) moves ~~and an~~ an arm ~~(502)~~ (504), which arm swings around ~~the an~~ an axis ~~(504)~~ of the motor (502) as said axis ~~(504)~~ rotates. Arm ~~(502)~~ (504) connects through swivel pin (503) to a rod (506) which rod is attached ~~thregh~~ through swivel pin 2